



CASE D0288 NP

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

KUNKEL ET AL.

APPLICATION NO: 10/630,406

FILED: JULY 30, 2003

FOR: HUMANIZED ANTIBODIES AGAINST HUMAN 4-1BB

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INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.


Copies of these references are enclosed herewith.



The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

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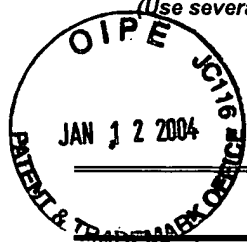
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	US5,530,101	6/25/96	Queen et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Kim, Y. et al., Eur. J. Immunol., "Human 4-1BB Regulates CD28 Co-Stimulation To Promote Th1 Cell Responses", Vol. 28, pgs. 881-890 (1998)
	AS	Ashkenazi, A., Nature, "Targeting Death and Decoy Receptors Of The Tumour-Necrosis Factor Superfamily", Vol. 2, pgs. 420-430 (2002)
	AT	Pollok, K. et al., Eur. J. Immunol., "4-1BB T-Cell Antigen Binds To Mature B Cells and Macrophages, and Costimulates Anti- μ -Primed Splenic B Cells, Vol. 24, pgs. 367-374 (1994)

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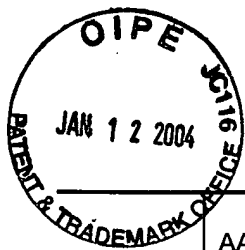
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AG	Zhang, L. et al., The New England Journal of Medicine, "Intratumoral T Cells, Recurrence, and Survival in Epithelial Ovarian Cancer", Vol. 348, pgs 203-213 (2003)
AH	Rosenberg, S., The Cancer Journal From Scientific American, "Interleukin-2 and the Development of Immunotherapy for the Treatment of Patients With Cancer", Vol. 6, pgs. S2-S7 (2000)
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AJ	Fishman, M. et al., Expert Opin. Investig. Drugs, "Novel Therapies For Renal Cell Carcinoma- An Update", Vol. 12, No. 4, pgs. 593-609 (2003)
AK	Lenschow, D. et al., Annu. Rev. Immunol., "CD28/B7 System of T Cell Costimulation", Vol. 14, pgs. 233-258 (1996)
AL	Chambers, C. et al., Current Opinion in Immunology, "Co-Stimulation in T-Cell Responses", Vol. 19, pgs. 396-404 (1997)
AM	Abbas, A. et al., Cellular and Molecular Immunology 3rd ed., "T Lymphocyte Antigen Recognition and Activation", pgs. 139-170 (1997)
AN	Hurtado, J. et al., Journal of Immunology, "Potential Role of 4-1BB in T Cell Activation", Vol. 155, pgs. 3360-3367 (1995)

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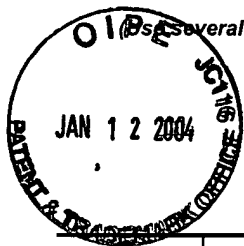
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AC	Lindstedt, M. et al., Scandinavian Journal of Immunology, "Expression of CD137 (4-1BB) on Human Follicular Dendritic Cells", Vol. 57, pgs. 305-310 (2003)
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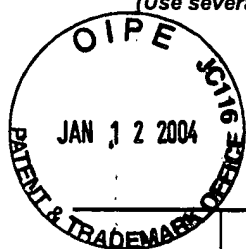
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